



Main

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| Range of product | OsiSense XU |
| Series name | General purpose single mode |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XUL |
| Sensor design | Compact |
| Material | Plastic |
| Type of output signal | Discrete |
| Supply circuit type | DC |
| Wiring technique | 3-wire |
| Discrete output type | PNP |
| Discrete output function | 1 NO or 1 NC programmable |
| Electrical connection | Cable |
| Emission | Infrared |
| [Sn] nominal sensing distance | 2.3 ft (0.7 m) diffuse |

Complementary

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|----------------------------|---|
| Enclosure material | ABS |
| Lens material | PMMA |
| Maximum sensing distance | 2.95 ft (0.9 m) |
| Output type | Solid state |
| Output function governance | Light or dark programmable |
| Add on output | Without |
| Cable composition | 4 x 0.34 mm ² |
| Wire insulation material | PVC |
| Cable outer diameter | 0.24 in (6 mm) |
| Status LED | 1 LED output state |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Supply voltage limits | 10...30 V DC |
| Switching capacity in mA | <= 100 mA (overload and short-circuit protection) |
| Switching frequency | <= 250 Hz |
| Voltage drop | <= 1.5 V (closed state) |
| Current consumption | <= 35 mA (no-load) |
| Delay first up | <= 15 ms |
| Delay response | <= 2 ms |
| Delay recovery | <= 2 ms |
| Setting-up | Without sensitivity adjustment |

Environment

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|---------------------------------------|---|
| product certifications | CE |
| ambient air temperature for operation | -13...131 °F (-25...55 °C) |
| ambient air temperature for storage | -40...158 °F (-40...70 °C) |
| vibration resistance | 7 gn, amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6 |
| shock resistance | 20 gn (duration = 11 ms) conforming to IEC 60068-2-27 |
| IP degree of protection | IP671 conforming to NF C 20-010 IP67 conforming to IEC 60529 |

Offer Sustainability

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|--|--|
| Not Green Premium product | Not Green Premium product |
| Will not be Compliant | Will not be Compliant |
| WARNING: This product can expose you to chemicals including: | WARNING: This product can expose you to chemicals including: |
| Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and |
| Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| For more information go to www.p65warnings.ca.gov | For more information go to www.p65warnings.ca.gov |

Contractual warranty

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|-----------------|-----------|
| Warranty period | 18 months |
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